



RADAR AGENCY

Radar Agency and The Iceland Air Defense System

PAGE 1



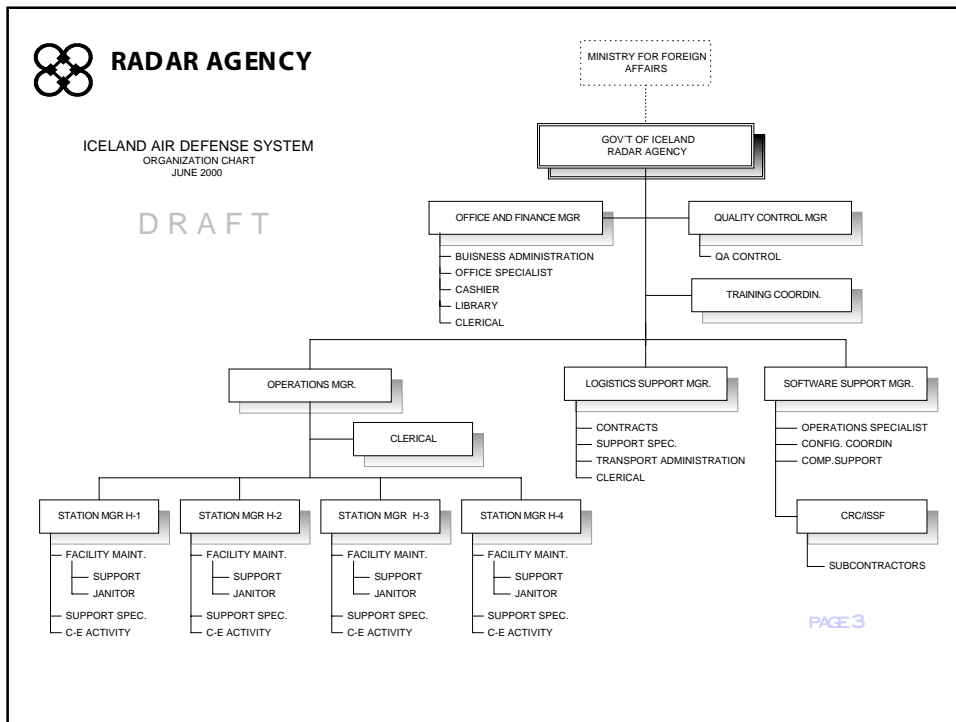
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Radar Agency :

- ✓ Established by The Government of Iceland
- ✓ Based on an Agreement between the Government of Iceland and the Government of the United States of America
- ✓ Sponsored by the Ministry for Foreign Affairs
- ✓ Icelandic Governmental Agency
- ✓ Commenced operation in May 1987
- ✓ Operates on a no-profit / no-loss basis.
- ✓ Executor of a Performance Work Statement for:

**“Operation and Maintenance of the
Iceland Air Defense System”**

PAGE 2



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Antecedents:

- 1940** Iceland was occupied by British troops
- 1941** U.S. forces took over defense of Iceland and policy of permanent neutrality abandoned
- 1949** Iceland became a founding member of NATO
- 1951** Defense Agreement, pursuant to the North Atlantic Treaty between the United States of America and the Republic of Iceland
- 1987** Memorandum of Understanding (MOU): Operation and Maintenance of Radar Sites in Iceland
- 1988** MOU: Systems Maintenance of the NATO CRC / ISSF for the IADS

PAGE 4



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Milestones:

- 1986 - 1989** Construction of four new radar stations
- 1987 - 1989** Raytheon Service Company trained Radar Agency technicians on C-E equipment
- 1987** 1 October, Radar Agency took over Operation and Maintenance (O&M) at H-1 Miðnesheiði and H-3 Stokksnes
- 1988 - 1989** O&M at H-1 and H-3 with Icelandic personnel



PAGE



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Milestones cont.:

- 1990 - 1995** Icelandic software personnel at Hughes Aircraft Company
- 1991** General Electric Company trained Radar Agency technicians on the AN/FPS-117(v)5
- 1992** Radar Agency commenced O&M at the four new radar stations
- 1995 – 1997** IADS software and related hardware implementation completed in Iceland
- 1997** IADS turned over to Radar Agency for Operation & Maintenance (O&M)



PAGE





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Contacts:

- The Ministry for Foreign Affairs
- Other Governmental Agencies
- Municipal Authorities
- Inspection Agencies



PAGE
7



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Contacts - cont.:

- US NAVY LANTDIV
- Air Combat Command, Project Management Squadron
(ACC – PMS)
- Iceland Defense Force (IDF)
- Officer in Charge / Facility Support Contractor at the
NAVAL Air Station Keflavik, (OIC/FSC, NASKEF)



PAGE
8



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Contacts - cont.:

- 85th Group USAF (85GP)
- 932nd Air Control Squadron (932ACS)
- Electronic Systems Center (ESC)
- US Embassy in Reykjavik
- Contractors
- Inspection Agencies



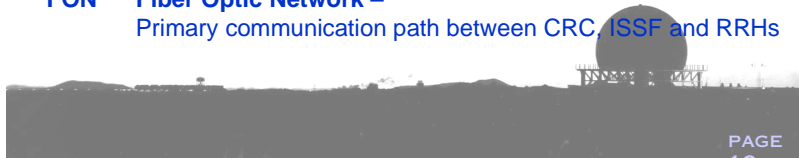
PAGE
9



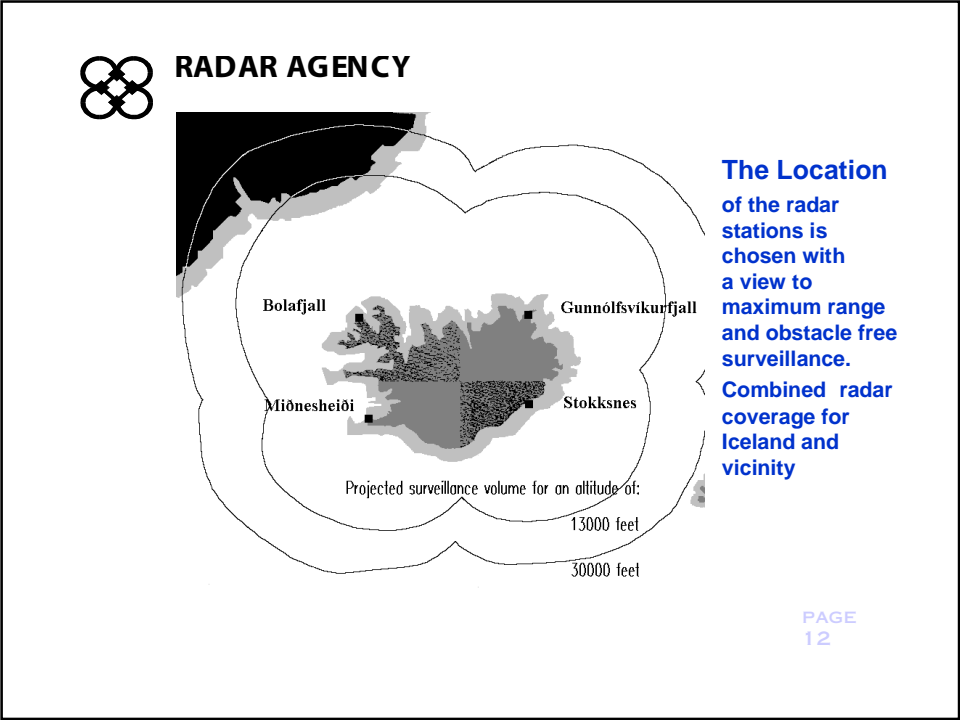
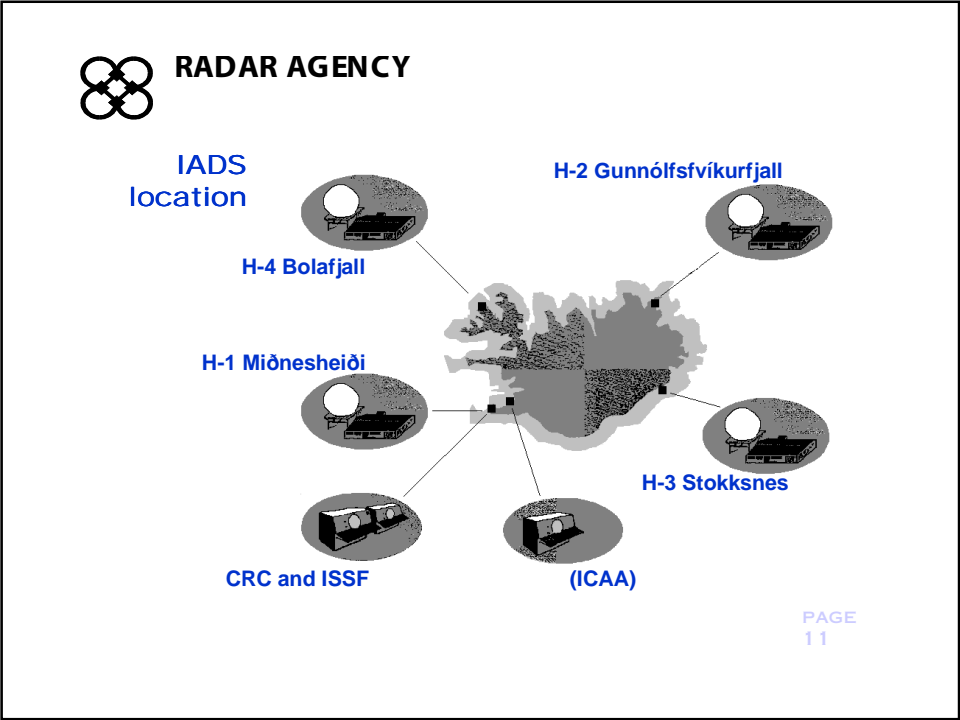
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Iceland Air Defense System

- RRH Four, Remote Radar Heads –**
together with telecommunication equipment
- CRC Control and Reporting Center –**
 - Real Time Data Processing
 - Automated Communication Control
 - Universal Consoles with RASP & Radio/telecommunication
- ISSF Iceland Software Support Facility –**
 - System & software support
 - Test and Verification
 - Documentation maintenance
- FON Fiber Optic Network –**
Primary communication path between CRC, ISSF and RRHs



PAGE
10





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The radar stations provide the CRC with radar data and Ground-Air-Ground communication for monitoring and controlling of air traffic



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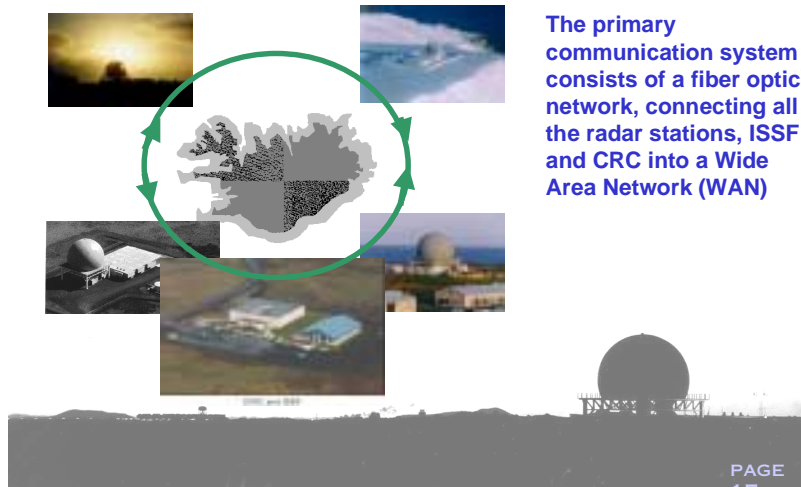


Enhancement and maintenance of the IADS software performed by the ISSF





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Sub-contractor - Kögun Ltd.

- System maintenance and support services for the NATO CRC and ISSF
- Participation With Industry (PWI) training provided by Hughes Aircraft Company for software and hardware personnel from Kögun Ltd.
- The software personnel provides software and system engineering support at the ISSF
- The hardware personnel provides support for the ISSF and CRC equipment

